

## **What is claimed is:**

1. A cover for an electronic device having a housing, comprising:  
a flexible and integrally formed holding-sheath member having a sleeve  
portion that extends around a periphery of the electronic device housing  
such that an upper portion and a lower portion of the housing of the  
electronic device is exposed, and a holding portion that may be gripped by  
a user of the electronic device to facilitate operation of the device by the  
user.
2. The cover as claimed in claim 1, wherein the sleeve is generally circular  
and is arranged to fit around the periphery of a computer mouse.
3. The cover as claimed in claim 1, wherein the holding-sheath member has  
a free-opening protection portion extending therefrom and arranged to  
protect at least one of a button, a switch or a connecting port.
4. The cover as claimed in claim 1, wherein the device is selected from the  
group consisting of a computer mouse, track ball, keyboard, game  
controller, joystick, card reader, camera, and barcode reader.
5. The cover as claimed in claim 1, wherein an inner face of the  
holding-sheath member includes a protrusion for engaging a  
corresponding opening in the electronic device to secure the cover to the  
electronic device.
6. The cover as claimed in claim 1, wherein an inner face of the  
holding-sheath member has at least one rib for engaging a corresponding  
groove in the electronic device to secure the cover to the electronic  
device.
7. The cover as claimed in claim 1, wherein the outside of the holding-sheath  
member has an extension to facilitate gripping of the electronic device or  
vary an appearance of the electronic device.
8. The cover as claimed in claim 1, wherein the holding-sheath member is  
made of rubber.
9. The cover as claimed in claim 1, wherein the holding portion further has  
an auxiliary holding portion to further facilitate operation of the electronic  
device.
10. An electronic device, comprising:

a housing containing electronic components; and a flexible and integrally formed holding-sheath member having a sleeve portion that extends around a periphery of the housing such that an upper portion and a lower portion of the housing of the electronic device is exposed, and a holding portion that may be gripped by a user of the electronic device to facilitate operation of the device by the user.

11. The electronic device as claimed in claim 10, wherein the electronic device is a computer mouse and the sleeve is generally circular and arranged to fit around the periphery of the computer mouse.

12. The electronic device as claimed in claim 10, wherein the holding-sheath member has a free-opening protection portion extending therefrom and arranged to protect at least one of a button, a switch or a connecting port.

13. The electronic device as claimed in claim 10, wherein the device is selected from the group consisting of a computer mouse, track ball, keyboard, game controller, joystick, card reader, camera, and barcode reader.

14. The electronic device as claimed in claim 10, wherein an inner face of the holding-sheath member includes a protrusion for engaging a corresponding opening in the electronic device to secure the electronic device to the electronic device.

15. The electronic device as claimed in claim 10, wherein an inner face of the holding-sheath member has at least one rib for engaging a corresponding groove in the electronic device to secure the electronic device to the electronic device.

16. The electronic device as claimed in claim 10, wherein the outside of the holding-sheath member has an extension to facilitate gripping of the electronic device or vary an appearance of the electronic device.

17. The electronic device as claimed in claim 10, wherein the holding-sheath member is made of rubber.

18. The electronic device as claimed in claim 10, wherein the holding portion further has an auxiliary holding portion to further facilitate operation of the electronic device.